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Figure 1A

Synthetic Oligonucleotide DNA Family Encoding Anti-Green Flourescent Protein Ribozymes

ACCAGGA-3' TGGTCCT-5'	ACGTCGC-3' TGCAGCG-5'	ACACGCT-3' TGTGCGA-5'	ACTTCAG-3' TGAAGTC-5'	AGGGTGG-3' TCCCACC-5'	AGGCACT - 3 ' TCCGTGA - 5 '	ACTTGAA - 3 ' TGAACTT - 5 '	ACGTAGC-3' TGCATCG-5'	AAGAAGA-3' TTCTTCT-5'
GAA A	GAA 7	GAA 7	GAA Z	GAA	GAA	GAA	GAA	GAA
GAC C	GAC C	GAC (CTG	GAC (CTG	GAC	GAC	GAC	GAC	GAC
GAC (GAC (CTG	GAC (CTG (GAC	GAC	GAC	GAC	GAC	GAC
GAG (GAG (CTC (GAG (GAG	GAG	GAG	GAG	GAG	GAG
CGT C	CGT G	CGT	CGT	CGT	CGT	CGT	CGT	CGT
GTC (GTC (GTC	GTC	GTC	GTC	GTC	GTC	GTC
TGA	TGA	TGA	TGA ACT	TGA	TGA ACT	TGA	TGA	TGA ACT
TGA	TGA	TGA	TGA ACT	TGA	TGA	TGA ACT	TGA	TGA
ပဗ	ပဗ	ပေဖ	ပေဖ	ပ္ပ္မ	ပပ	ပပ	ပေးဖ	ပေဖ
-CCAGCTC -GGTCGAG	-GGCCGTT -CCGGCAA	-CTCGCCG -GAGCGGC	-GCAGATG -CGTCTAC	-TGGTCAC -ACCAGTG	~AGCGGCT ~TCGCCGA	-CATGGCG -GTACCGC	-GCTCCTG -CGAGGAC	-CGTCCTT -GCAGGAA
 	3,	3 5	3.	3.1	3 1	3,	12 m	
1)	2)	3)	4)	5)	(9	7)	8)	6)

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Figure 1B

Synthetic Oligonucleotide DNA Family Encoding Anti-Green Flourescent Protein Ribozymes

AACTTCA-3' TTGAAGT-5'	ACCAGGG-3' TGGTCCC-5'	AAGTCGA-3' TTCAGCT-5'	ACTCCAG-3' TGAGGTC-5'	ACGTTGT-3'	A AAGTTCA-3'	A AGCTGCA-3'	A ACGGGGC-3' I TGCCCCG-5'	A ACTGGGT-3'
GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA	GAA 3 CTT
GAC	GAC	GAC	GAC	GAC	GAC	GAC	GAC	GAC GAC GAA CTG CTG CTT
GAC	GAC	GAC	GAC	GAC	GAC	GAC	GAC	
GAG	GAG	GAG	GAG	GAG	GAG	GAG	GAG CTC	GAG CTC
CGT	CGT	CGT	CGT	CGT	CGT	CGT	CGT	CGT GCA
GTC	GTC	TGA GTC ACT CAG	TGA GTC ACT CAG	TGA GTC ACT CAG	TGA GTC ACT CAG	GTC	GTC	GTC
TGA GTC CGT ACT CAG GCA	TGA ACT	TGA ACT				TGA	TGA	TGA
C TGA G ACT	C TGA G ACT	C TGA G ACT	C TGA G ACT	C TGA G ACT	C TGA G ACT	C TGA G ACT	C TGA G ACT	TGA
ບຫ	ပ ဗ	ರ ರ		ပေဖ	ပေဖ	೮೮		ပေဗ
-CGCCCTC -GCGGGAG	-TGCGGTT -ACGCCAA	-CCTCCTT -GGAGGAA	-GTAGTTG -CATCAAC	-TGATATA -ACTATAT	-GGATCTT C -CCTAGAA G	-GGTCGGC C	-GCAGCAG -CGTCGTC	-CAGGGCG C TGA TGA GTC -GTCCCGC G ACT ACT CAG
 	3.	3 -	3.5		3 -	3 +	3.4	3.
10)	11)	12)	13)	14)	15)	16)	17)	18)

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igure 1C

GAC GAA ACCATGT-3'	GAC GAA AGAGTGA-3' CTG CTT TCTCACT-5'
GAA	GAA
GAC	GAC
GAG GAC CTC CTC	GAG GAC CTC CTC
GAG	GAG
GTC CGT	GTC CGT
GTC CGT	GTC
FGA	TGA ACT
TGA	TGA
បច	ပေဖ
5' -CCAGCAG C TGA 3' -GGTCGTC G ACT	5' -CCATGCC C TGA TGA 3' -GGTACGG G ACT ACT
3.1	3.1
	<u></u>

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AAG	
pGEM-oligo1/3	

TTC GGC ATC ACT GCC TCA TCA GCT GGG TTC GGC ATC ACT GCC TCA TCA AGA ATT CGG CTTAGT ACT

GGC AGT GAT GCC GAA CCC GGG GGC CCG GCC AGT ACC GAT GGA CGG pGEMEX-Sma/Kpn

222 555 CTTCTA CGG CCG TCA ACT

GGC

SCG GGC

ggc SCG

TTC GAA AAG GAA CTT GAT GCC CTA CGG CCG AAT TCT TGA TGA GGC AGT GGC TTA AGA ACT ACT CCG TCA pGEMEX-oligo2/3

pGEM-Sca/Pvu

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Clone 1:	9 90	GCC	AAG	CTT	\mathbf{rrc}	TTC GGC	ATC ACT	ACT	၁၁၅	TCA	TCA	GGA	ATT	CGG	၁၁၁	CAT GCA	GCA
Clone 2:	CGG	GCC AAG	AAG	CTT	$\mathbf{T}\mathbf{T}\mathbf{C}$	TTC GGC ATC ACT GCC	ATC	ACT	\mathfrak{GCC}	TCA TCA GGA	TCA		ATT	990	CCG	CCG CAT	GCA
Clone 3:	090	acc	AA G	CTT	\mathtt{TTC}	TTC GGC ATC ACT GCC	ATC	ACT	CCC	TCA TCA	TCA	GGA	GGA ATT	CGG CCG CAT GCA	CCG	CAT	GCA
pGEMEX: CGG GCC (CGG	\mathfrak{CCC}	CTC TAG	TAG	ATG										SSS	CAT GCA	GCA

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Clone 1:	ದಿದ್ದ	CTG		AGC TTT	TTT	TCG	GCA	TCA	CTG	CCT	CAT	CAG	GAA	TIC	ეეე	CTG	CAT	AAG	CTT	
Clone 2:	GGC	TG CAA	CAA	AGC	TTT	TCG	GCA	${ m TCA}$	CTG	CCT	CAT	CAG	GAA	TTC	CGC	CTG	CAT	AAG	CTT	
Clone 3:	299	CTG	CAA	AGC	$ ext{TTT}$	TCG	GCA	TCA	CTG	CCT	CAT	CAG	GAA	TTC	CCC	CTG	CAT	AAG	CTT	
DGEMEX:	CGC	CGC	Ą													TG	CAT	AAG	CTT	